

IN THE CLAIMS:

Please cancel the currently pending claims without prejudice or disclaimer of subject matter, and substitute new Claims 29 to 38 therefor, as follows:

1. to 28. (Canceled).

29. (New) A print managing apparatus, comprising:

a reception unit configured to receive a print job via a communication medium, wherein the print job includes a job ticket and a print document, the job ticket describing print instruction information for the print document, the print instruction information including output layout information and color attribute information;

a layout unit configured to perform layout of the print document into one or more pages, wherein layout is performed based on the output layout information included in the print instruction information described by the job ticket received by the reception unit;

an analysis unit configured to analyze each page of the print document as to whether the page includes color information, wherein analysis is based on the layout performed by the layout unit;

a read unit configured to read color attribute information included in the print instruction information described by the job ticket received by the reception unit;

a designation unit configured to designate one of at least first and second print modes in response to a user instruction, wherein in the first print mode, a print instruction is given in correspondence to the layout performed by the layout unit and the

analysis performed by the analysis unit, and wherein in the second print mode, a print instruction is given in correspondence to the layout performed by the layout unit and the color attribute information read by the read unit; and

a print control unit configured to give a print instruction to a printing apparatus in the one mode designated by the designation unit.

30. (New) A print managing apparatus according to claim 29, wherein the print managing apparatus is connected to a plurality of printing apparatuses including a monochromatic printing apparatus and a color printing apparatus, and wherein the print control unit selects the monochromatic printing apparatus or the color printing apparatus to perform a distribution printing in correspondence to the one mode designated by the designation unit.

31. (New) A print managing apparatus according to claim 29, wherein the job ticket is reusable, wherein the print instruction information described by the job ticket further includes additional information, and wherein at least one of the output layout information, the color attribute information and the additional information is changed to reuse the job ticket.

32. (New) A print managing apparatus according to claim 29, wherein the print instruction information described by the job ticket is described by a markup language.

33. (New) A print system comprising:

a print managing apparatus; and

a printing apparatus,

wherein the print managing apparatus comprises:

a reception unit configured to receive a print job via a communication medium, wherein the a print job includes a job ticket and a print document, the job ticket describing print instruction information for the print document, the print instruction information including output layout information and color attribute information;

a layout unit configured to perform layout of the print document into one or more pages, wherein layout is performed based on the output layout information included in the print instruction information described by the job ticket received by the reception unit;

an analysis unit configured to analyze each page of the print document as to whether the page includes color information, wherein analysis is based on the layout performed by the layout unit;

a read unit configured to read color attribute information included in the print instruction information described by the job ticket received by the reception unit;

a designation unit configured to designate one of at least first and second print modes in response to a user instruction, wherein in the first print mode, a print instruction is given in correspondence to the layout performed by the layout unit and the analysis performed by the analysis unit, and wherein in the second print mode, a print instruction is given in correspondence to the layout performed by the layout unit and the color attribute information read by the read unit; and

a print control unit configured to give a print instruction to the printing apparatus in the one mode designated by the designation unit.

34. (New) A print managing method comprising the steps of:

receiving a print job via a communication medium, wherein the print job includes a job ticket and a print document, the job ticket describing print instruction information for the print document, the print instruction information including output layout information and color attribute information;

performing layout of the print document into one or more pages, wherein layout is performed based on the output layout information included in the print instruction information described by the job ticket received in the receiving step;

designating one of at least first and second print modes in response to a user instruction,

wherein in the first print mode, each page of the print document is analyzed as to whether the page includes color information, wherein analysis is based on the layout performed in the layout step, and a print instruction is given in correspondence to the layout performed in the layout step and the analysis performed in the analysis step, and

wherein in the second print mode, color attribute information is read from the print instruction information described by the job ticket received in the receiving step, and a print instruction is given in correspondence to the layout performed in the layout step and the color attribute information read in the reading step; and

giving a print instruction to a printing apparatus in the one mode designated in the designating step.

35. (New) A print managing method according to claim 34, wherein the print managing method manages a plurality of printing apparatuses including a monochromatic printing apparatus and a color printing apparatus, and wherein the sending step sends a printing instruction to the monochromatic printing apparatus or the color printing apparatus to perform a distribution printing in correspondence to the one mode designated in the designating step.

36. (New) A print managing method according to claim 34, wherein the job ticket is reusable, wherein the print instruction information described by the job ticket further includes additional information, and wherein at least one of the output layout information, the color attribute information and the additional information is changed to reuse the job ticket.

37. (New) A print managing method according to claim 33, wherein the print instruction information described by the job ticket is described by a markup language.

38. (New) Computer-executable process steps stored on a computer-readable memory medium for causing a print managing apparatus to execute process steps comprising the steps of:

receiving a print job via a communication medium, wherein the print job includes a job ticket and a print document, the job ticket describing print instruction

information for the print document, the print instruction information including output layout information and color attribute information;

performing layout of the print document into one or more pages, wherein layout is performed based on the output layout information included in the print instruction information described by the job ticket received in the receiving step;

designating one of at least first and second print modes in response to a user instruction,

wherein in the first print mode, each page of the print document is analyzed as to whether the page includes color information, wherein analysis is based on the layout performed in the layout step, and a print instruction is given in correspondence to the layout performed in the layout step and the analysis performed in the analysis step, and

wherein in the second print mode, color attribute information is read from the print instruction information described by the job ticket received in the receiving step, and a print instruction is given in correspondence to the layout performed in the layout step and the color attribute information read in the read step; and

giving a print instruction to the printing apparatus in the one mode designated in the designating step.